

Amendments to and Listing of the Claims:

1. - 9. (Cancelled)

10. (Currently amended) The electrochemical device in accordance with ~~claim 9~~ claim 15, wherein an introduction portion and a discharge portion for said liquid are provided in the vicinity of the electrode having a higher oxidation/reduction potential relative to the remaining at least two electrodes, and a microorganism discharge portion and/or a microorganism adsorption portion are provided in the vicinity of the electrode having a lower oxidation/reduction potential relative to the remaining at least two electrodes.

11. - 14 (Cancelled)

15. (Currently amended) An electrochemical device for moving particles covered with a protein comprising:

at least two electrodes contacting a liquid that contains particles covered with a protein, the particle selected from microorganisms and blood cell components, wherein the at least two electrodes each have a different oxidation/reduction potential; and

a circuit generating the potential difference between the electrodes in a range such that the potential difference does not cause the electrolysis of the liquid, wherein the circuit short-circuits the at least two electrodes, and

an electrically insulating structural member through which the liquid moves, the electrically insulating structural member being disposed in a space between the at least two electrodes, wherein

and wherein the device moves the particles by electrophoresis in the direction of the at least one electrode having the lower oxidation/reduction potential of the at least two electrodes,

wherein the electrode having the higher oxidation/reduction potential of the at least two electrodes has a structure selected from one of a porous structure, a mesh structure, and a brush structure and one electrode of the at least two electrodes has a structure that allows the liquid to flow into the space provided that the one electrode having the structure does

not have the lower oxidation/reduction potential relative to the remaining at least two electrodes and

the device gives a liquid having a condensed concentration of the microorganisms and/or blood cell components.

16. (Cancelled)

17. (Cancelled)

18. (New) An electrochemical device for moving particles covered with a protein comprising:

at least two electrodes contacting a liquid that contains particles covered with a protein, the particle selected from microorganisms and blood cell components, wherein the at least two electrodes each have a different oxidation/reduction potential; and

a circuit generating the potential difference between the electrodes in a range such that the potential difference does not cause the electrolysis of the liquid, wherein the circuit short-circuits the at least two electrodes, and

an electrically insulating structural member through which the liquid moves, the electrically insulating structural member being disposed in a space between the at least two electrodes,

wherein the device moves the particles by electrophoresis in the direction of the at least one electrode having the lower oxidation/reduction potential of the at least two electrodes, wherein the at least one electrode having the higher oxidation/reduction potential of the at least two electrodes has a structure selected from one of a porous structure, a mesh structure, and a brush structure and the device gives a liquid having a condensed concentration of the microorganisms and/or blood cell components.